FIG. 1

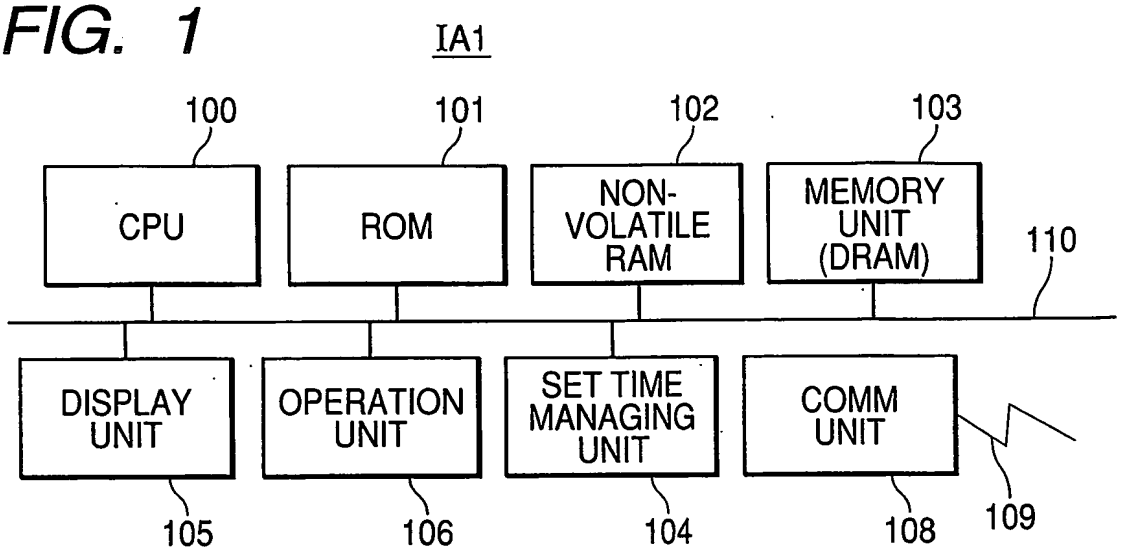


FIG. 2

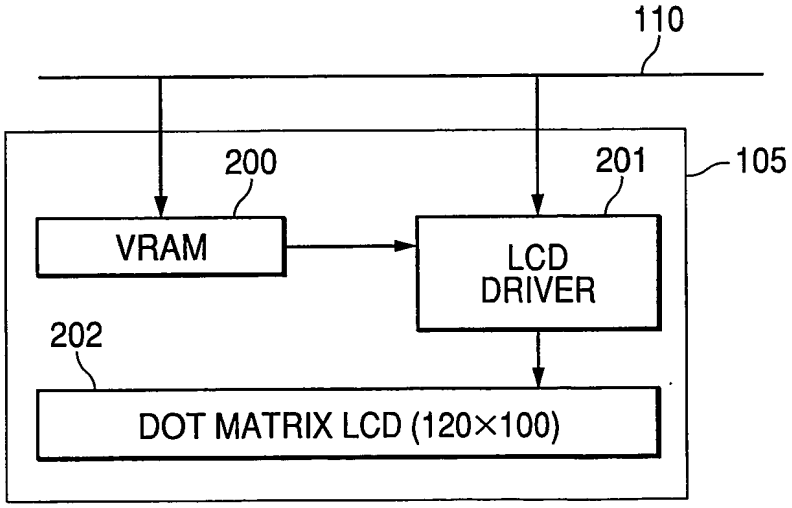


FIG. 3

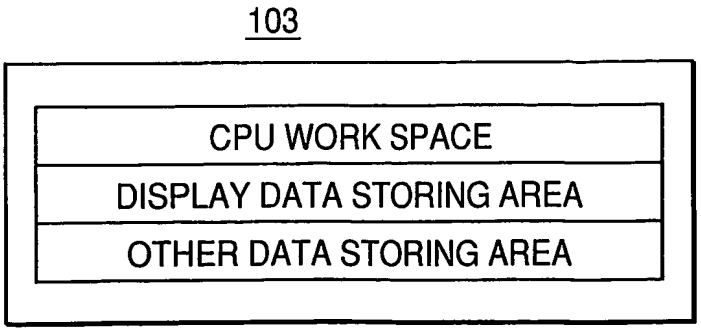


FIG. 4A

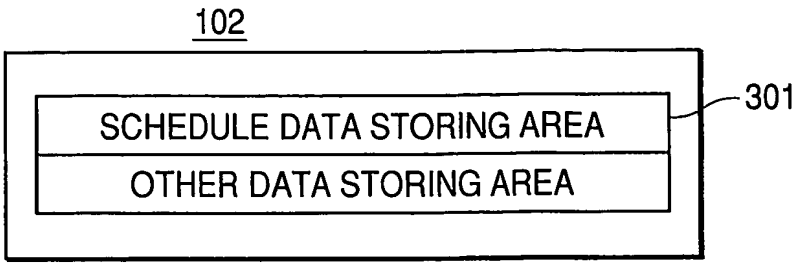


FIG. 4B

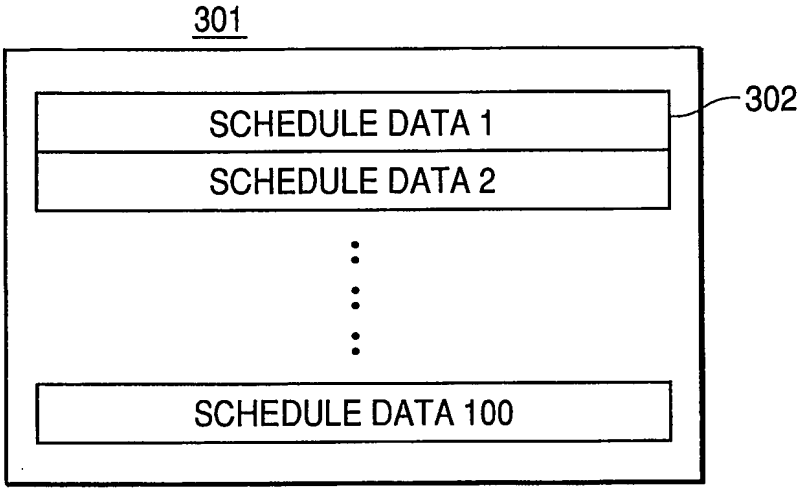


FIG. 4C

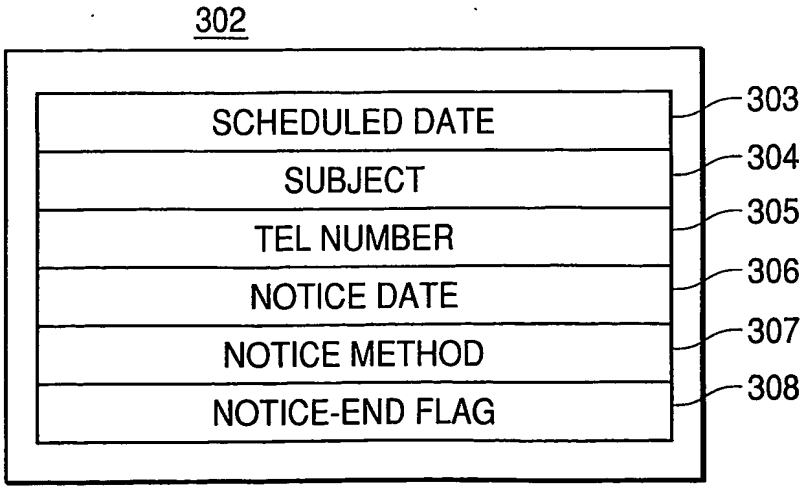


FIG. 5

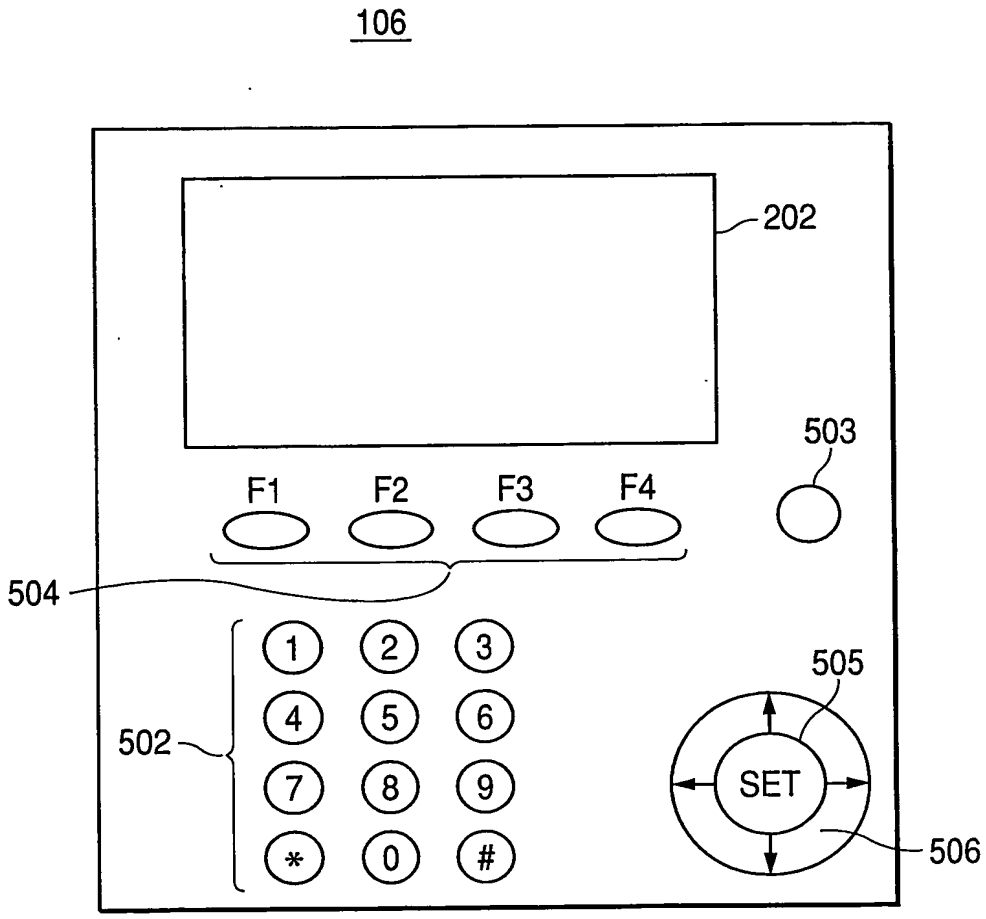


FIG. 6

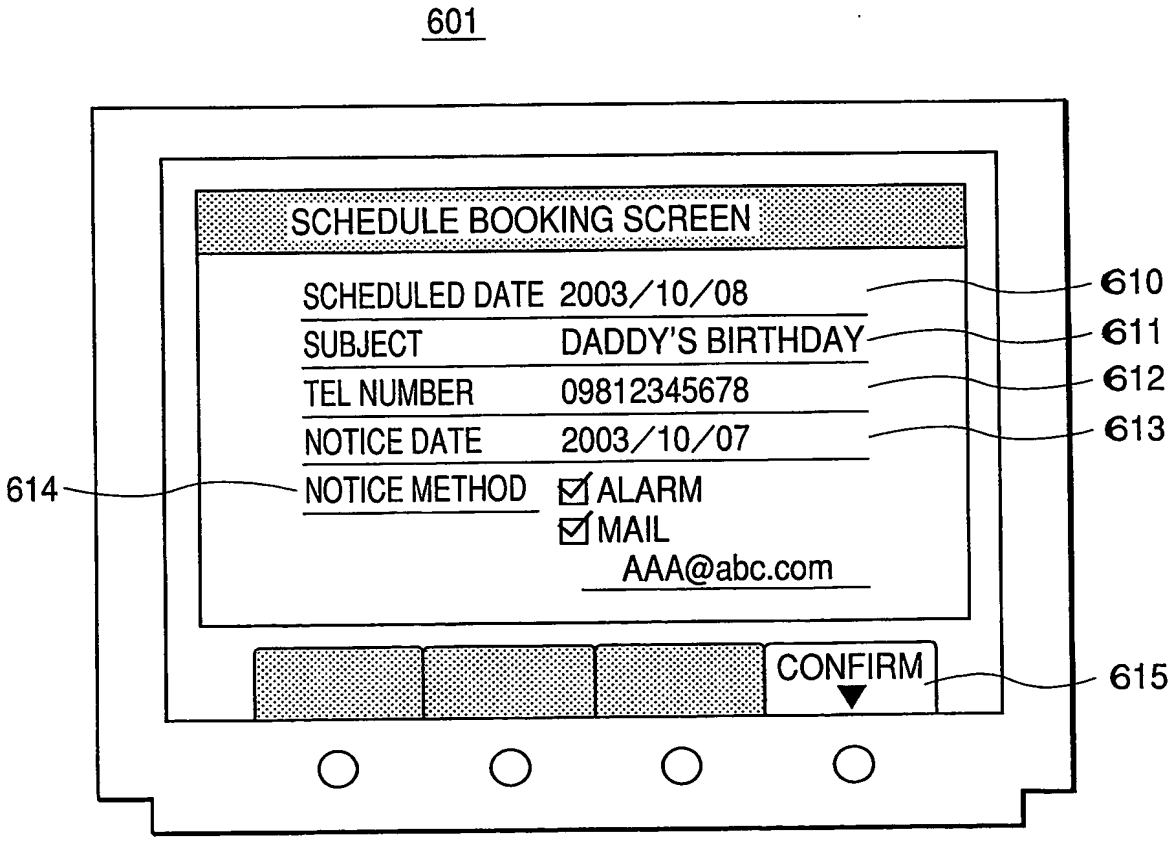

601
SCHEDULE BOOKING SCREEN
SCHEDULED DATE 2003/10/08
SUBJECT DADDY'S BIRTHDAY
TEL NUMBER 09812345678
NOTICE DATE 2003/10/07
NOTICE METHOD
ALARM
MAIL
AAA@abc.com
CONFIRM
610
611
612
613
614
615

FIG. 7

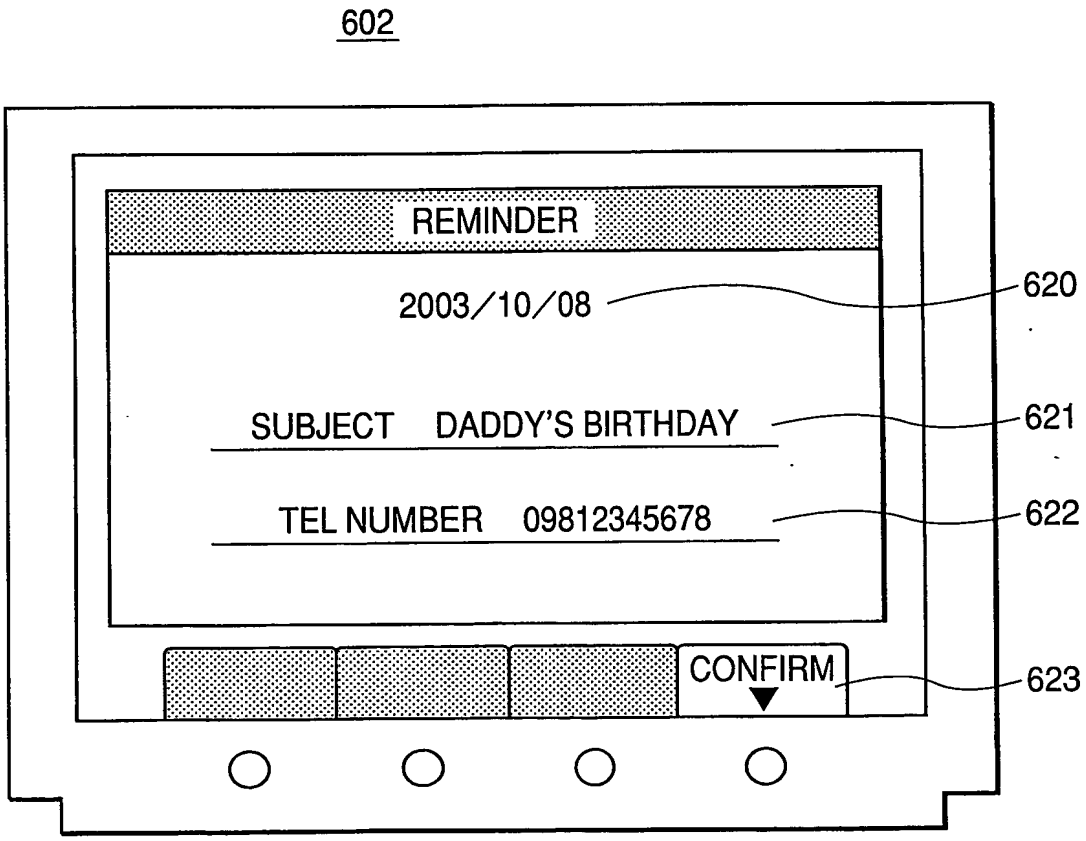

602
REMINDER
2003/10/08
620
SUBJECT DADDY'S BIRTHDAY
621
TEL NUMBER 09812345678
622
CONFIRM
623

FIG. 8

FROM: faxphone@aaa.jp
DATE: 2003/10/07 12:00
TITLE: REMINDER

REMINDER FROM SCHEDULER

SUBJECT: DADDY'S BIRTHDAY

IT IS TIME AS SCHEDULED

FIG. 9

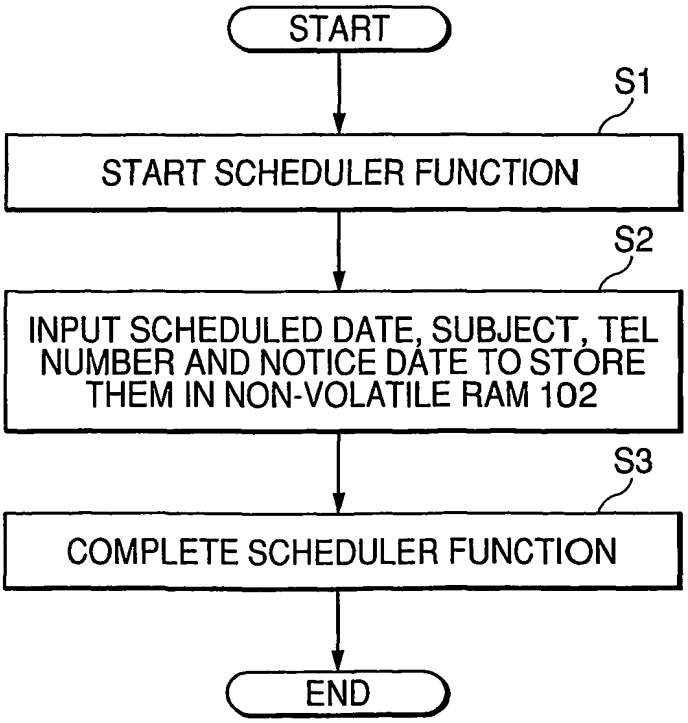


FIG. 10

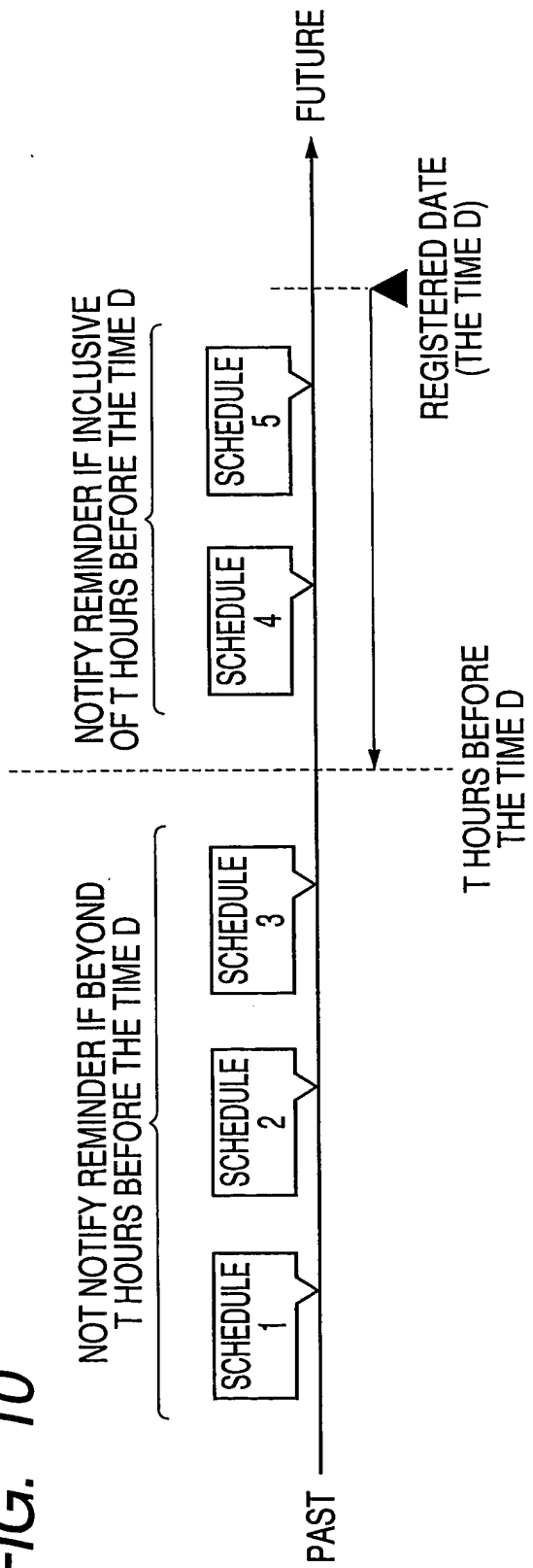

PAST
FUTURE
SCHEDULE 1
SCHEDULE 2
SCHEDULE 3
SCHEDULE 4
SCHEDULE 5
NOT NOTIFY REMINDER IF BEYOND T HOURS BEFORE THE TIME D
NOTIFY REMINDER IF INCLUSIVE OF T HOURS BEFORE THE TIME D
T HOURS BEFORE THE TIME D
REGISTERED DATE (THE TIME D)

FIG. 11

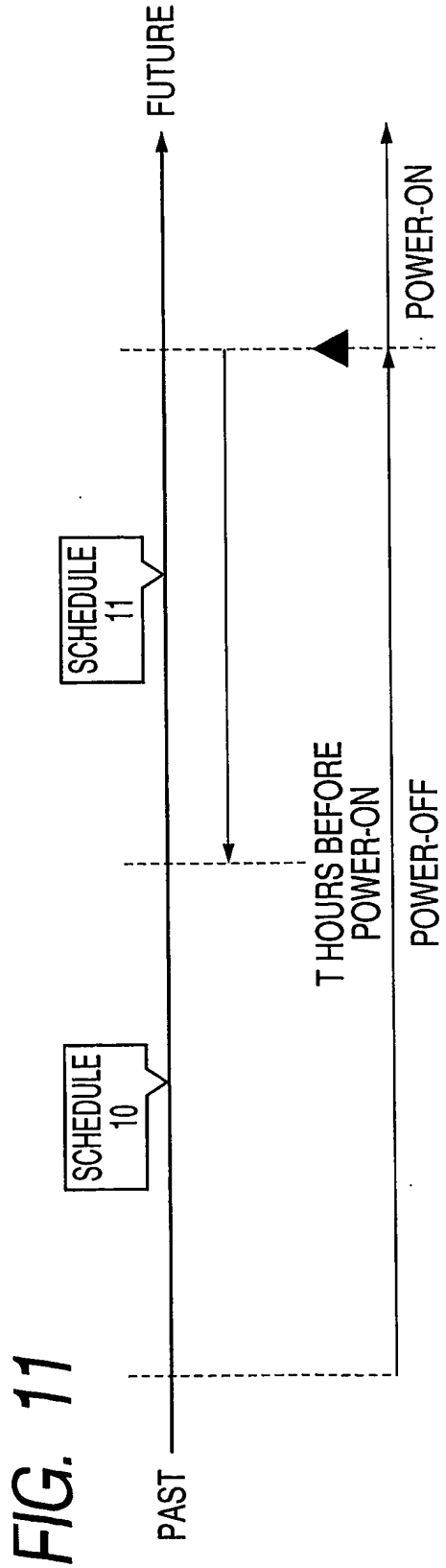

PAST
FUTURE
SCHEDULE 10
SCHEDULE 11
T HOURS BEFORE POWER-ON
POWER-OFF
POWER-ON

FIG. 12

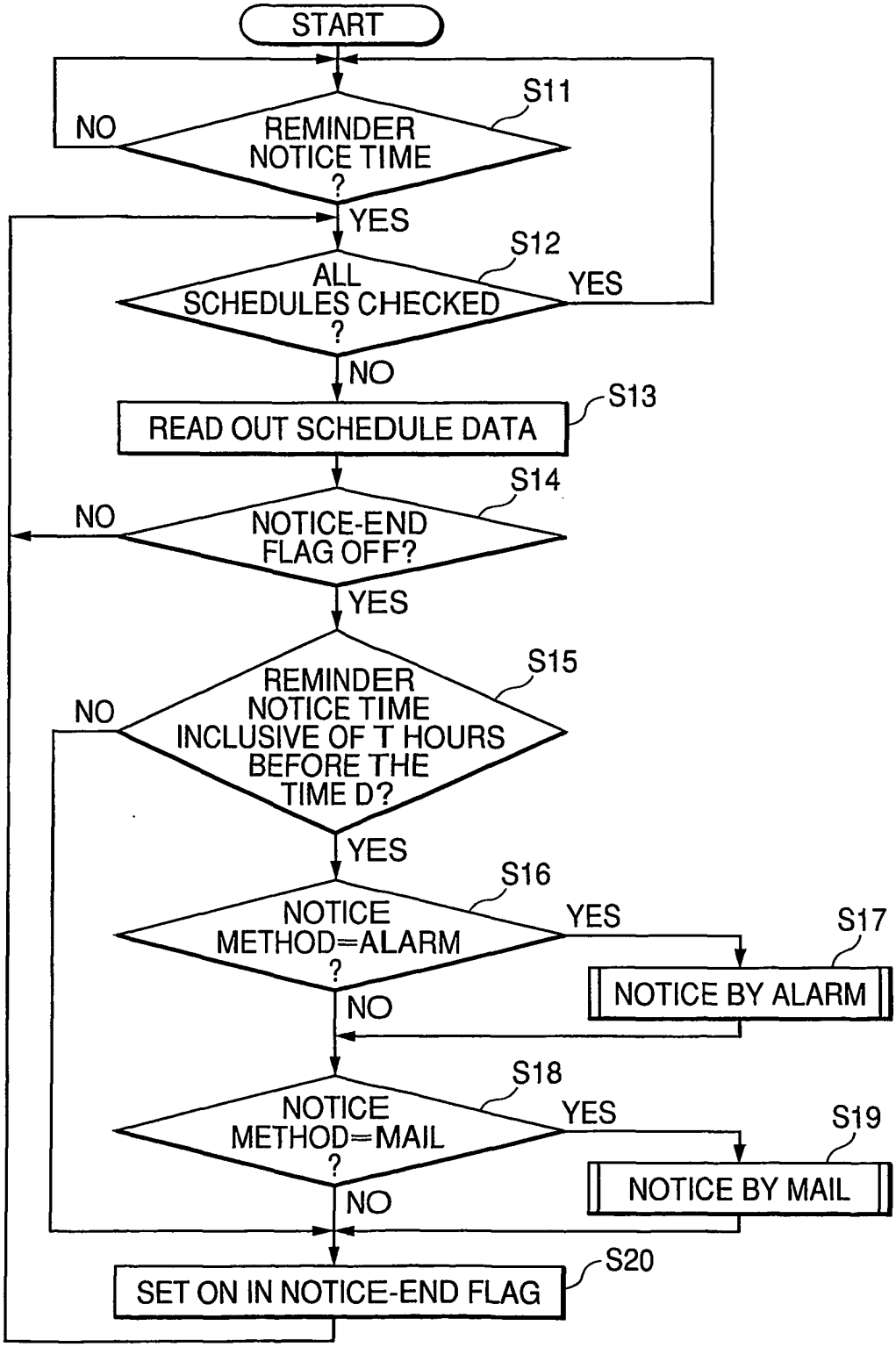

START
S11
REMINDER NOTICE TIME ?
NO
YES
S12
ALL SCHEDULES CHECKED ?
YES
NO
S13
READ OUT SCHEDULE DATA
S14
NOTICE-END FLAG OFF?
NO
YES
S15
REMINDER NOTICE TIME INCLUSIVE OF T HOURS BEFORE THE TIME D?
NO
YES
S16
NOTICE METHOD=ALARM ?
YES
S17
NOTICE BY ALARM
NO
S18
NOTICE METHOD=MAIL ?
YES
S19
NOTICE BY MAIL
NO
S20
SET ON IN NOTICE-END FLAG

FIG. 13

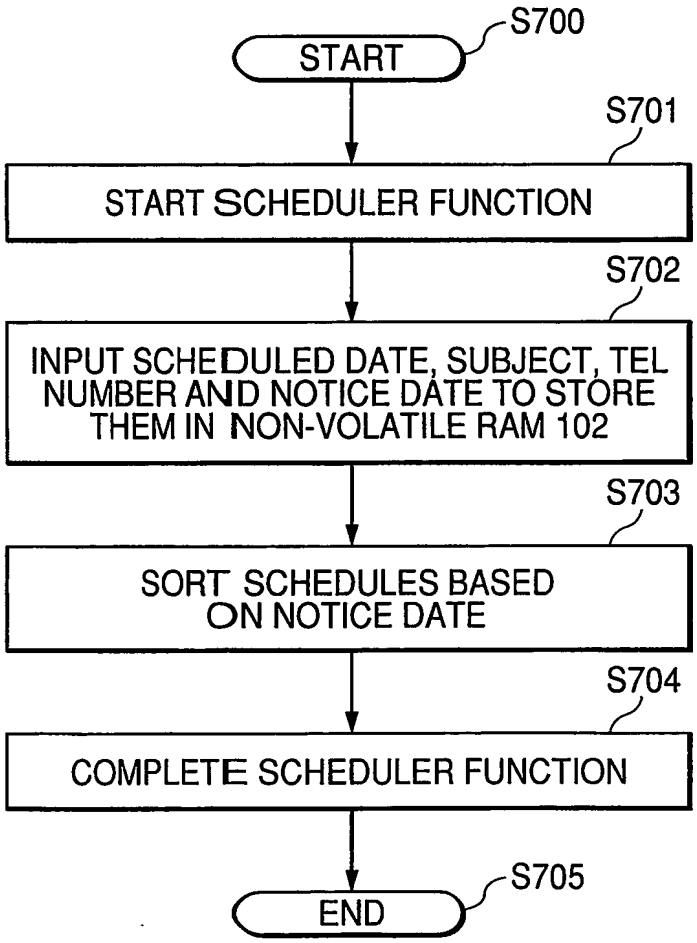

S700
START
S701
START SCHEDULER FUNCTION
S702
INPUT SCHEDULED DATE, SUBJECT, TEL NUMBER AND NOTICE DATE TO STORE THEM IN NON-VOLATILE RAM 102
S703
SORT SCHEDULES BASED ON NOTICE DATE
S704
COMPLETE SCHEDULER FUNCTION
S705
END

FIG. 14

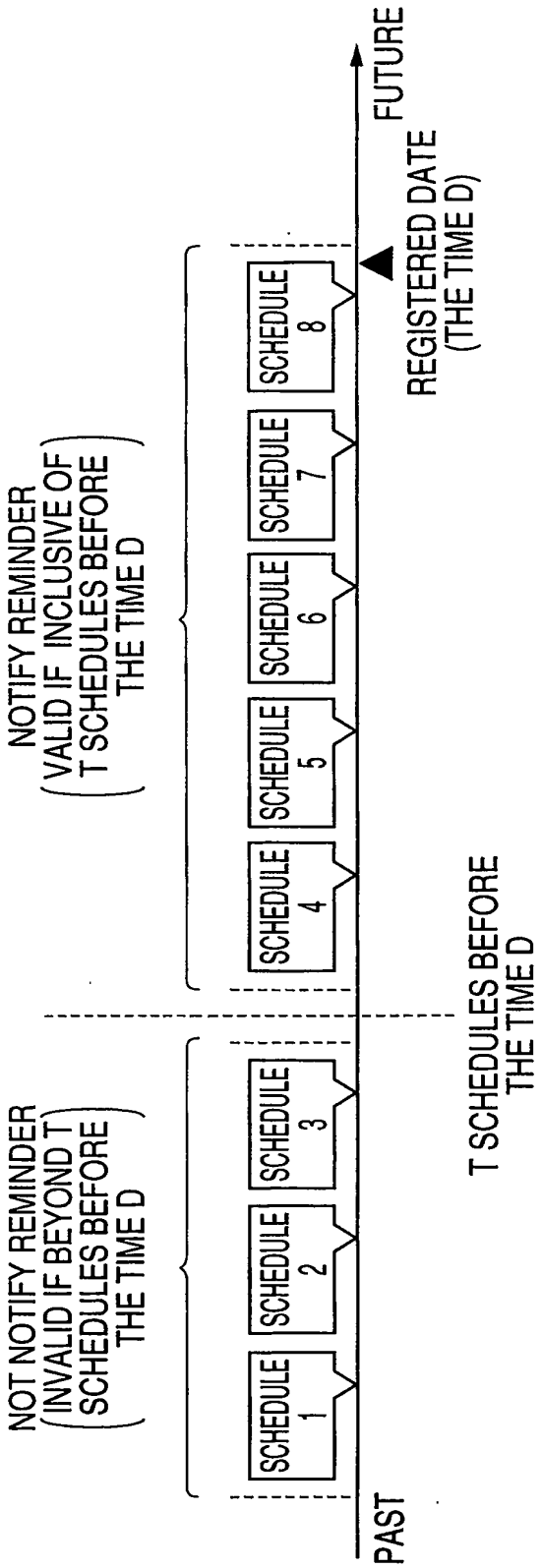

NOT NOTIFY REMINDER
(INVALID IF BEYOND T)
SCHEDULES BEFORE
THE TIME D
NOTIFY REMINDER
(VALID IF INCLUSIVE OF
T SCHEDULES BEFORE
THE TIME D
SCHEDULE 1
SCHEDULE 2
SCHEDULE 3
SCHEDULE 4
SCHEDULE 5
SCHEDULE 6
SCHEDULE 7
SCHEDULE 8
PAST
FUTURE
REGISTERED DATE
(THE TIME D)
T SCHEDULES BEFORE
THE TIME D

FIG. 15

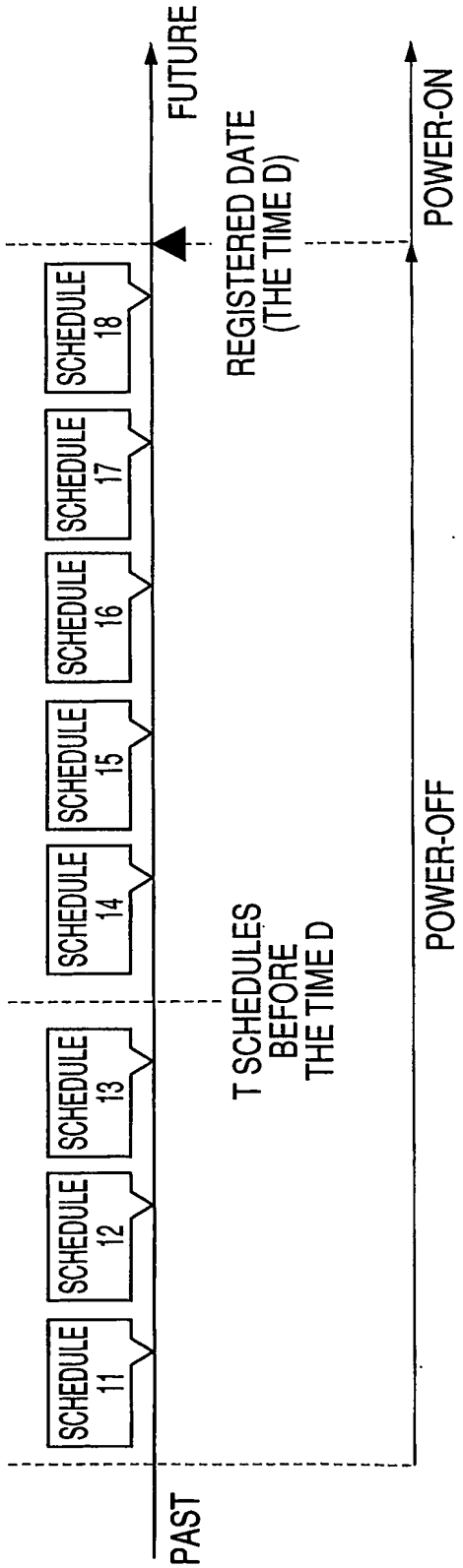
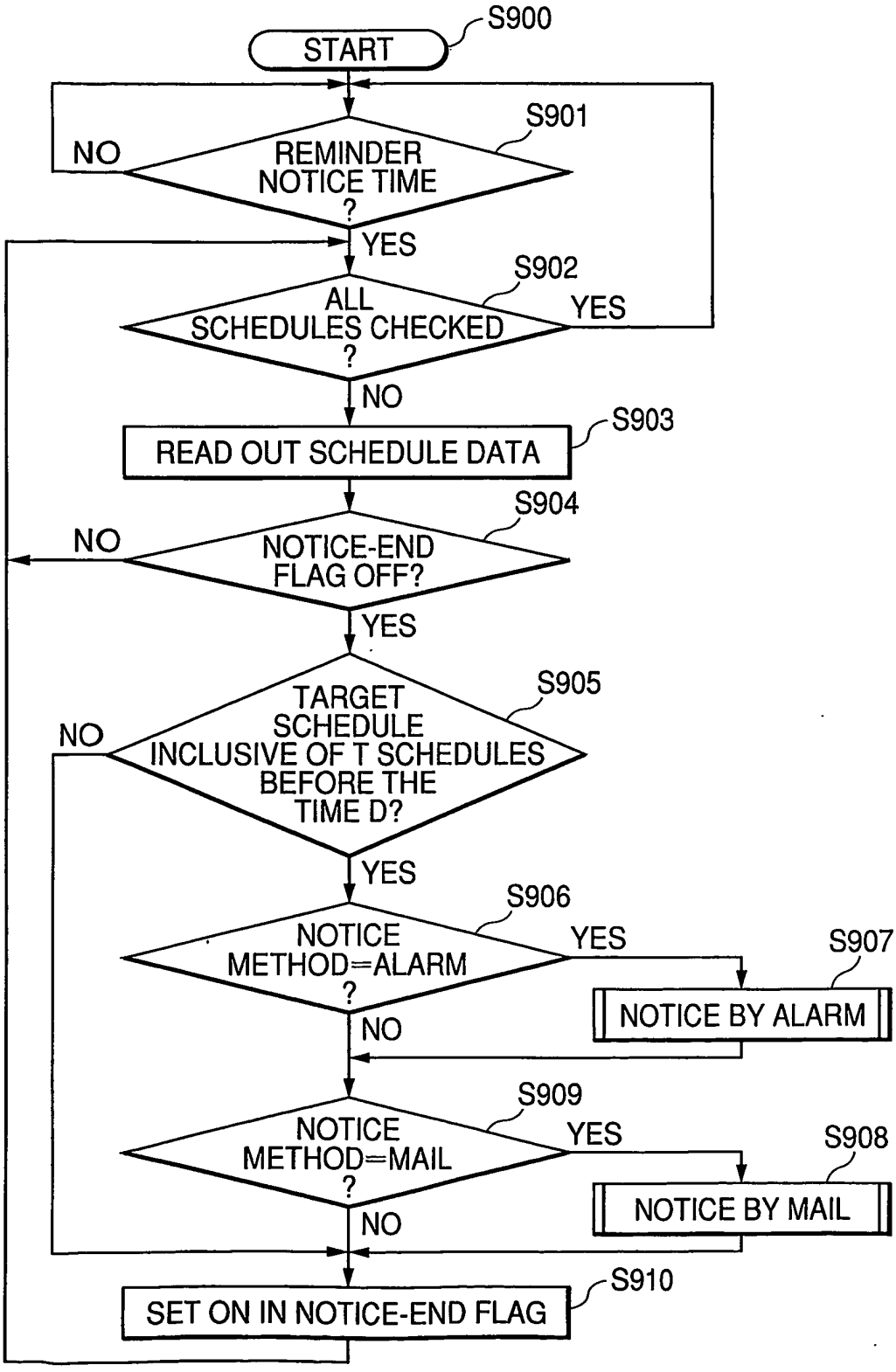

SCHEDULE 11
SCHEDULE 12
SCHEDULE 13
SCHEDULE 14
SCHEDULE 15
SCHEDULE 16
SCHEDULE 17
SCHEDULE 18
PAST
FUTURE
REGISTERED DATE
(THE TIME D)
T SCHEDULES
BEFORE
THE TIME D
POWER-OFF
POWER-ON

FIG. 16


START
S900
REMINDER NOTICE TIME ?
S901
NO
YES
ALL SCHEDULES CHECKED ?
S902
YES
NO
READ OUT SCHEDULE DATA
S903
NOTICE-END FLAG OFF?
S904
NO
YES
TARGET SCHEDULE INCLUSIVE OF T SCHEDULES BEFORE THE TIME D?
S905
NO
YES
NOTICE METHOD=ALARM ?
S906
YES
NOTICE BY ALARM
S907
NO
NOTICE METHOD=MAIL ?
S909
YES
NOTICE BY MAIL
S908
NO
SET ON IN NOTICE-END FLAG
S910